

**Tetra Tech, Inc.**

4213 State Street, Suite 100
 Santa Barbara, CA 93110-2847
 VOICE (805) 681-3100 FAX (805) 681-3108

Project: **Vandenberg Air Force Base IRP**Log of Well No. **31-MW-7**Location: **OU4, Site 31, approximately 375 feet northwest of Building 1895.**

Date Started: 4/2/98	Completed: 4/2/98	4" PVC Blank Casing: from 0 ft bgs to 4.5 ft bgs
Logged By: R. J. Elliot	Checked By: K. McNamara, R.G.	0.01" Screening Casing: from 4.5 ft bgs to 24.5 ft bgs
Drilled By: Brent Carpenter, S/G Testing ^{KM} #6678		Concrete: from 0 ft bgs to 2 ft bgs
Drilling Equipment: CME 75, 8-inch & 10-inch HSA		Bentonite Transitional Seal: from 2 ft bgs to 4 ft bgs
Sampling Equipment: 2-inch I.D. Split Spoon		Prepack Sand Filter Pack: from 4.5 ft bgs to 24.5 ft bgs
GS Elev.: 167.14 ft above MSL	TD: 25 ft bgs	TOC Elev.: 169.93 ft above MSL

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Material Type	Well Construction	Sample	Blow Counts per 6"	Percent Recovery	PID (ppm) Amb/Smp	REMARKS
	sand, very dark brown (10YR 2/2), fine grained, poorly graded, well rounded, slightly moist, abundant organic material (roots, leaves, etc.), dune sand.		SP					0/25	Start drilling 1030.
5	brown (10YR 4/3), wet, medium dense.					3 4 7	100	0/0	
10									Soil log based on cuttings from 5 ft bgs to TD. Soil appears to be homogeneous to the TD with only slight color changes.
15									
20									

4 ft bgs ▽ Groundwater depth during drilling

1.92 ft bgs ▽ Groundwater depth after well development on: 4/24/98

TC Number: A208-09

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Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Material Type	Well Construction	Sample	Blow Counts per 6"	Percent Recovery	PID (ppm) Amb/5m	REMARKS
20	sand, brown (10YR 4/3), fine grained, poorly graded, well rounded, wet, dune sand.		SP						
25									Drilled 8-inch hole to 24.5 ft. Reamed with 10-inch auger 25 ft. Construct 4-inch well using 0.01-inch Prepack screen.
30									End drilling 1120.
35									
40									
45									